

1. A power management topology for a portable electronic device, comprising:  
a portable electronic device comprising a rechargeable battery and a charge controller  
comprising circuitry generating a feedback signal indicative of battery charging power; and  
an external AC/DC adapter generating a DC source signal from an AC source, said  
adapter comprising a PWM generator generating a PWM signal, and a controller receiving said  
feedback signal and adjusting a duty cycle of said PWM signal thereby adjusting the power of  
said DC source signal  
wherein only said external AC/DC adapter, among said AC/DC adapter and said charge  
controller, comprises said PWM generator.

5. A topology as claimed in claim 1, wherein the charge controller further comprising  
circuitry to generate a feedback signal indicative of power requirements of said portable  
electronic device and battery charge current.

#### REMARKS

The Official Action mailed December 20, 2002 has been carefully considered.  
Reconsideration and allowance of the subject application, as amended, are respectfully  
requested. Claim 6 has been canceled by way of this amendment, thus no specific discussion  
thereof is believed necessary. No new matter has been added to the subject application as a  
result of the changes made thereto.

Figures 1A and 1 have been amended to overcome the Examiner's formal objections  
thereto, as set forth in cipher 2, page 2 of the Official Action.

At cipher 3 of the Official Action the Examiner objects to the drawings as not disclosing  
the adapter PWM, the controller and the demodulation circuitry. However, Figure 1A depicts